

10/570051

## UNITED STATES PATENT AND TRADEMARK OFFICE

AP20 Rec'd. U.S. PTO 27 FEB 2006

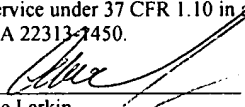
Applicant: YAMAGATA, et al.  
 Attorney Docket: 10873.1853USWO  
 Title: IMAGING APPARATUS AND METHOD FOR MANUFACTURING  
 MICROLENS ARRAY

## CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 858801007 US

Date of Deposit: February 27, 2006

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By:   
 Name: Abbie Larkin

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

53148

PATENT TRADEMARK OFFICE

Sir:

The following papers are transmitted herewith:

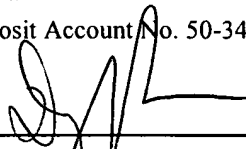
- ☒ Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- ☒ National Stage Patent Application including: Description - 15 pages; Claims - 2 pages; Abstract - 1 page; Drawings - 7 sheets (formal);
- ☒ Signed Combined Declaration and Power of Attorney;
- ☒ Application Data Sheet - 4 pages;
- ☒ Information Disclosure Statement, Form 1449, 9 references
- ☒ Check(s) for the amount of \$1000 to cover the filing fee calculated below;
- ☒ Other: Form PTO-1390, Communication Regarding Requested Figure, Preliminary Amendment, Substitute Specification, Marked-up Specification, International Publication Page, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB/304, Form PCT/IB/308
- ☒ Return postcard

## CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	13	20	0	50.00	0.00
Independent Claims	3	3	0	200.00	0.00
Multiple Dependent Claims Fee					0.00
Basic Filing Fee					300.00
Search Fee					500.00
Examination Fee					200.00
Utility Application Size Fee	25	100	0	250.00	0.00
Total					1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
 P.O. Box 2902-0902 Minneapolis, MN 55402  
 612.455-3800

By:   
 Name: Douglas P. Mueller  
 Reg. No.: 30,300  
 Initials: DPM/pjk

(PTO TRANSMITTAL - NEW FILING)

RECEIVED 27 FEB 2006

FORM PTO-1390  
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

10873.1853USWO

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

U.S. 10/570051

INTERNATIONAL APPLICATION NO.

PCT/JP2005/007864

INTERNATIONAL FILING DATE

26 April 2005

PRIORITY DATE CLAIMED

28 April 2004

TITLE OF INVENTION

IMAGING APPARATUS AND METHOD FOR MANUFACTURING MICROLENS ARRAY

APPLICANT(S) FOR DO/EO/US

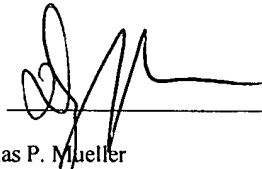
YAMAGATA, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 9 references.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification with a marked-up copy showing changes.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Application Data Sheet, Communication Regarding Requested Figure, International Publication Page, Form PCT/ISA/210, Form PCT/ISA/237, Form PCT/IB/304, Form PCT/IB/308

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) Unknown <b>10/57005</b>		INTERNATIONAL APPLICATION NO. PCT/JP2005/007864		ATTORNEY'S DOCKET NUMBER 10873.1853USWL	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
[X] a) Basic National fee.....\$300.00				<b>\$300.00</b>	
[X] b) Examination fee.....\$200.00				<b>\$200.00</b>	
[X] c) Search fee.....\$500.00				<b>\$500.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
25	-100 = 0	/50 =	X \$250.00	<b>\$0.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	13	-20 = 0	X \$50.00	<b>\$0.00</b>	
Independent claims	3	-3 = 0	X \$200.00	<b>\$0.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				<b>\$</b>	
<b>SUBTOTAL =</b>				<b>\$1000.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>+</b> <b>\$</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				<b>+</b> <b>\$</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1000.00</b>	
				<b>Amount to be:</b>	
				<b>refunded</b>	<b>\$</b>
				<b>charged</b>	
				<b>\$</b>	
<p>a. [X] Check(s) in the amount of <u>\$1000</u> to cover the above fees is enclosed.</p> <p>b. [ ] Please charge the amount of \$      to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:          Douglas P. Mueller          Hamre, Schumann, Mueller &amp; Larson, P.C.          P.O. Box 2902-0902          Minneapolis, MN 55402</p> <p style="text-align: right;">SIGNATURE: </p> <p style="text-align: right;">NAME: Douglas P. Mueller</p> <p style="text-align: right;">REGISTRATION NUMBER: 30,300</p>					

10/570051

AP200601PTD 27 FEB 2006  
PATENT

S/N Unknown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YAMAGATA, et al. Examiner: Unknown  
Serial No.: Unknown Group Art Unit: Unknown  
Filed: Herewith Docket: 10873.1853USWO  
Title: IMAGING APPARATUS AND METHOD FOR  
MANUFACTURING MICROLENS ARRAY

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By: 

Name: Abbie Larkin

COMMUNICATION REGARDING REQUESTED FIGURE

Mail Stop PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

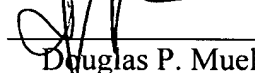
In connection with the above-identified application, applicant respectfully requests that Figure 1 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 455.3804.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: February 27, 2006

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM/pjk

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